



Year 3 Summer term
We Are Scientists!

As scientists, we are immersed in the wonderful world of chemistry, biology and physics! We will be exploring how shadows are formed and how light travels. Linked closely with DT, we will be investigating forces. We also have our investigative science day to really bring the topic to life whereby children will have the chance to carry out hands on, practical activities! Put on your scientist hats (or lab coats!) and be ready for a term of investigations and experiments.

As geographers we will continue to use our compass skills as we begin our maths topic on turns and angles. Linked closely to our science learning, we will become geologists studying rocks, fossils and soils. We will be studying the appearance of rocks, investigating their properties and looking closely at the different layers as well as going back in time to investigate the wonder of fossils!

During the summer term we will be transforming into scientists, and exploring: light and dark; rocks, fossils and soil; and magnetism. This will give the children the opportunity to immerse themselves in the world of science, and conduct a range of experiments to better understand the world around them. A highlight is our 'science day' to help bring this topic to life whereby the children carousel around each of the classes in year 3 conducting various experiments. We will also have a greatly anticipated circus skills workshop as well as looking forward to our enterprise project and our whole school sports day to finish the year.



In DT this term, we will be investigating pushes and pull, designing an experiment to investigate the effects that different materials have on these forces. We will learn what a force is and how they can change direction. We experiment with different surfaces and how friction will impact a moving object.



As keen athletes, we will learn how to run, jump, throw, hurdle and learn a range of athletic trials. Athletics teaches independence, teamwork, sportsmanship and reactions. We will also make the use of our extensive outdoor space and engage in both tennis and cricket. These sports will help us with our hand eye co-ordination, timing, control and ball skills.



In our computing lessons, we will be improving our word processing skills to create a persuasive document advertising their royal carriages. We will learn how to insert an image and alter the font to suit the audience.

Later, we are introduced to coding and programming involving creating a background and manipulating a sprite. This serves as a pre-cursor to utilising the application 'scratch' in year 4.



As more confident linguists, we can identify and recognise some food words in French or German that we would eat at a picnic. We can make a preference as to whether we like them or don't like them and describe what they look like. We will also be able to recognise and identify some objects around our classroom and also respond to classroom commands in French or German showing our independence with using our new found language skills.

As artists, we are learning to blend colouring pencils to make new colours. We will create a miniature fossils and a wax resist fossil painting. We will learn to carefully smudge oil pastels with our fingers as we create a Northern Lights inspired mixed media picture. We will explore adding highlights and tone with paint and pencil.



Using a specialist music scheme called 'Charanga', we will have the opportunity to expand their key skills of improvisation, listening and responding as well as composing and performing pieces.

Later in the term, as musicians, we learn to play simple musical pieces on the glockenspiel. We also learn about what a musical staff is and what the different parts mean. Finally, we are introduced to the notes: C, D & E and how to play them.

As thoughtful citizens, we explore different types of feelings and understand that these are not fixed but change throughout the day. We will be discussing ways to look after our own and others' mental health. Building on this, we then explore mindfulness techniques and ways to keep ourselves calm. We discuss our feelings and look at zones of regulation as a way to manage our emotions. We will be reflecting on our time in year 3 and looking ahead to year 4.



We do not explicitly teach any new knowledge in RE this term but we of course revisit previous learning. Our whole school assemblies, including those from 'Bridge Builders', allow us to continue discussing and reflecting on various religious beliefs so that we can make sense of our own place in a diverse and multi-religious and multi-secular society. We recognise different people's values, feelings, faith and ways of living.

